

GALVANNEAL STEEL SHEET MANUFACTURING METHOD**Publication number:** JP2007023347 (A)**Publication date:** 2007-02-01**Inventor(s):** ADACHI TAKANORI; SUGANO TAKAHIRO; YONEDA TOMOSHI; FURUKAWA YUJI; MAEDA MITSUAKI**Applicant(s):** JFE STEEL KK**Classification:****- international:** C23C2/26; C23C2/06; C23C2/28; C23C2/40; C23C2/26; C23C2/06; C23C2/28; C23C2/36**- European:****Application number:** JP20050208409 20050719**Priority number(s):** JP20050208409 20050719**Abstract of JP 2007023347 (A)**

PROBLEM TO BE SOLVED: To provide a method for manufacturing a galvanized steel sheet having a uniform oxide layer on its surface and excellent in press forming property. ; **SOLUTION:** The galvanized steel sheet excellent in press forming property is obtained by successively allowing a steel sheet to be subjected to a galvanizing step, an alloying step, a temper rolling step, and an oxide layer forming step in which an acid solution is brought into contact with a surface of the steel sheet, a liquid film of the acid solution is deposited thereon, the steel sheet is squeezed by two or more pairs of continuous squeezing rolls, the acid solution is reacted with the galvanized layer to deposit an oxide layer on the surface of the galvanized layer. Thus, the oxide layer of the predetermined thickness or more can be formed with less dispersion in the sheet width direction. ; **COPYRIGHT:** (C)2007,JPO&INPIT



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